

INVITATION FOR BIDS OFFICE OF PROCUREMENT & CONTRACTS

1. INSTRUCTIONS FOR BIDDERS

- a. Sealed bids will be received in the Office of Procurement & Contracts, Mississippi State University, for the purchase of the items listed herein.
- b. All bids must be received in the Office of Procurement & Contracts on or before the bid opening time and date listed herein. Delivery of bids must be during normal working hours, 8:00 a.m. to 5:00 p.m. CST, except on weekends and holidays when no delivery is possible.
- c. Bidders shall submit their bids either electronically or in a sealed envelope.
 - i. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be mailed to: 245 Barr Avenue, 610 McArthur Hall, Mississippi State, MS 39762.
 - ii. At this time we only accept non-ITS bids electronically. For electronic submission of bids, go to: https://www.ms.gov/dfa/contract_bid_search and use the RFX number on the next page as your reference number.
- d. All questions regarding this bid should be directed to the Office of Procurement & Contracts at 662-325-2550.

2. TERMS AND CONDITIONS

- a. All bids should be bid "FOB Destination"
- b. Bidders must comply with all rules, regulations, and statutes relating to purchasing in the State of Mississippi, in addition to the requirements on this form. General Bid Terms and Conditions can be found here: https://www.procurement.msstate.edu/procurement/bids/Bid General Terms May 2019 V2.pdf
- c. Any contract resulting from this Invitation for Bid shall be in substantial compliance with Mississippi State University's Standard Contract Addendum: https://www.procurement.msstate.edu/contracts/standardaddendum.pdf

Bid Number/RFX Number: 21-103/RFX#3160004624

Opening Date: October 26, 2021 @2:00 p.m.

Description: Electric Distribution Materials (Material Only)

/endor Name:
endor Address:
elephone Number:
Days the Offer is Firm:
Authorized Signature:
lame:
itle:

See following pages for specifications and bid pricing form.

Specifications & Materialman's Proposal For Electric Distribution Materials (Material Only)



September 25, 2021

Prepared for:

Mississippi State University 610 McArthur Hall Mississippi State, Mississippi 39762

Prepared by:

Atwell & Gent, P.A. 309 University Drive Starkville, Mississippi 39759



Job No.: 601E3072

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INSTRUCTION TO BIDDERS

ELECTRIC DISTRIBUTION MATERIALS (MATERIAL ONLY) MISSISSIPPI STATE UNIVERSITY MISSISSIPPI STATE, MISSISSIPPI

Refer to Bid Advertisement for bid opening time and date.

<u>SUBMITTAL OF SEALED PROPOSALS</u>: Bids that are sent by mail shall be clearly marked "Bid Enclosed" or "Bid Envelope Enclosed" as appropriate. The sealed envelope containing the bid shall have the following information shown on the envelope:

BID ENCLOSED

ITEM: ELECTRIC DISTRIBUTION MATERIALS (MATERIAL ONLY)

OWNER: MISSISSIPPI STATE UNIVERSITY

MISSISSIPPI STATE, MISSISSIPPI

BIDDER: BIDDER'S ADDRESS

BID DUE: REFER TO ADVERTISEMENT FOR BIDS

Bids that are sent by parcel delivery service or hand-delivered should be addressed to:

Mr. Don Buffum, Director Office of Procurements & Contracts Mississippi State University Barr Avenue, 610 McArthur Hall Mississippi State, Mississippi 39762

Bids that are sent by mail should be addressed to:

Mr. Don Buffum, Director Office of Procurements & Contracts Mississippi State University P.O. Box 5307 Mississippi State, Mississippi 39762

SUBMITTAL OF ELECTRONIC BIDS: Each electronically submitted bid must be submitted in "pdf" format and shall contain the same information and forms as required for the paper bids. In the event that an electronically submitted bid has a corrupted attachment, the bid will be considered null and void.

The Engineer for this project is:

Atwell & Gent, P.A. P.O. Box 2558 Starkville, Mississippi 39760-2558 Telephone (662) 324-5658

The Engineer will represent the Owner in all matters pertaining to this project, including but not limited to, answering technical questions of prospective bidders and recommendations of lowest and best bid, acceptance of shop drawings and similar documents, and approval of invoices prior to payment by the Owner.

Submit all questions about the specifications to the Engineer, in writing. Replies will be issued to all prospective Bidders of Record. Neither the Engineer nor the Owner will be responsible for oral clarifications.

BID PREPARATION:

Bidders shall complete all blank spaces on the Materialman's Proposal Form for each item of equipment being bid in accordance with these specifications and terms and conditions. Bidder should insert the unit price in the blank under the Unit Price heading and multiply this unit price by the number shown in the Number Required heading and enter the product of this multiplication in the blank under the heading Total Price for each bid item on the Materialman's Proposal Form. The bidder shall sum the Total Bid Price for each Bid Item and enter this sum in the Total Bid Price.

Bidder shall insert the delivery time in weeks after receipt of an order for each item of equipment bid in the blank provided on the Materialman's Proposal Form. Bidder shall also indicate equipment being bid by the manufacturer's name and catalog number in the blanks provided on the Proposal Form.

Bidder shall complete the Materialman's Proposal Form bound in these Specifications and shall submit two copies to the OWNER at the time that the bids are due. Bidders taking exceptions to any part of the specifications, conditions, or payment terms specified herein shall show such exception on the Materialman's Proposal Form in the space provided. If exceptions are not shown on the Proposal Form, Bidder must supply equipment specified herein under the terms and conditions specified herein. Proposal forms shall_remain bound in the Specifications. Proposals that are modified, excepted, or in any way changed from the proposal that the OWNER is requesting in this request for proposals may be rejected by the OWNER.

BID AWARD:

Group #1: Bid Items No. 1 through No. 3 will be awarded on an <u>aggregate-low basis</u> to the bidder with lowest and best responsive bid for Bid Items No. 1 through and No. 3 inclusive.

Group #2: Bid Items No. 4 and No. 5 will be awarded on an <u>aggregate-low basis</u> to the bidder with lowest and best responsive bid for Bid Items No. 4 and No. 5 inclusive.

Group #3: Bid Items No. 6 through No. 15 will be awarded on an <u>aggregate-low basis</u> to the bidder with lowest and best responsive bid for Bid Items No. 6 through and No. 15 inclusive.

Group #4: Bid Items No. 16 through No. 22 will be awarded on an <u>aggregate-low basis</u> to the bidder with lowest and best responsive bid for Bid Items No. 16 through and No. 22 inclusive.

Group #5: Bid Item No. 23 will be awarded on an <u>individual-low basis</u> to the bidder with lowest and best responsive bid for Bid Item No. 23.

Group #6: Bid Items No. 24 through No. 27 will be awarded on an <u>aggregate-low basis</u> to the bidder with lowest and best responsive bid for Bid Items No. 24 through and No. 27 inclusive.

Group #7: Bid Item No. 28 will be awarded on an <u>individual-low basis</u> to the bidder with lowest and best responsive bid for Bid Item No. 28.

Note: It is not necessary to bid all bid items; however, it is necessary to bid all bid items within any specific group. Failure to bid all items within a group may cause bid to be disregarded. Unusually long delivery promises may cause bid to be disregarded.

PROPOSAL FORM

ELECTRIC DISTRIBUTION MATERIALS (MATERIAL ONLY) MISSISSIPPI STATE UNIVERSITY MISSISSIPPI STATE, MISSISSIPPI

To: Mr. Don Buffum, Director Office of Procurements & Contracts Mississippi State University Barr Avenue, 610 McArthur Hall Mississippi State, Mississippi 39762

Addendum No. _____

Addendum No. _____

Addendum No. _____

The undersigned (hereinafter called the MATERIALMAN) acknowledges by his signature that he has received and examined the documents entitled "Specifications and Materialman's Proposal for **ELECTRIC DISTRIBUTION MATERIALS (MATERIAL ONLY)** for Mississippi State University (hereinafter called the OWNER), dated September 25, 2021, and has included the provisions of the Specifications in his Proposal. The MATERIALMAN further acknowledges that he has received the following addenda:

Dated _____

Dated _____

Dated_____

	lman hereby proposes to sell an quipment specified in the attach				litions herein
Did Itam	Description	Unit Price	No. Reg'd	<u>Unit</u>	Total Price
Bid Item	Description	FIICE	<u>Req u</u>	Omt	1 Otal 1 Fice
#1	750 kCMIL Aluminum 15 kV JCN UD Cable		10,200	LF	-
#2	#2/0 Copper 15 kV JCN UD Cable		3,030	LF	
#3	#2 Copper 15 kV JCN UD Cable	:	1,500	LF	
TOTAL BI	D FOR BID ITEMS #1 THRO	OUGH #3 (GROUP	#1) INCLUS	IVE	
#4	Wire, Copper, SD, #2 Bare 7 Strand		250	EA	
#5	Wire, Copper, SD, #4/0 Bare 7 Strand	·	306	EA	
TOTAL BI	D FOR BID ITEMS #4 AND	#5 (GROUP #2) IN	CLUSIVE		

#6	Cable Terminator, 15 kV	3	3	EA	St.
#7	600A 15 kV DB Elbow	:	27	EA	*
#8	200A 15 kV LB Elbow for #2/0 CU 15 kV Cable	3 <u></u>	36	EA	
#9	200A 15 kV LB Elbow for #2 CU 15 kV Cable		36	EA	
#10	Elbow Arrester, 600A DB, 10 kV (8.4 kV MCOV)		3	EA	
#11	Elbow Arrester, 200A LB, 10 kV (8.4 kV MCOV)	:	24	EA	*
#12	Loadbreak Reducing Tap Plug, 15 kV		3	EA	
#13	Feed-Thru Bushing, 200A LB, 15 kV		3	EA	
#14	Insulating Cap, 600A DB, 15 kV		12	EA	
#15	Parking Stand, 200A LB, 15 kV	* <u></u>	3	EA	
TOTAL BID	FOR BID ITEMS #6 THROU	JGH #15 (GROUP #3	B) INCLUSIV	Æ	
#16	Ground Rod, 3/4" x 10'-0"		30	LF	
#17	Connector, Compression, 3/4" Rod to #2 CU		10	EA	<u> </u>
#18	Connector, Compression, 3/4" Rod to #4/0 CU	·	20	EA	
#19	Connector, Compression, #4/0-#2 CU to #4/0-#2 CU	3	180	EA	-
#20	Terminal, Compression, #2 CU to 2H Terminal Pad	12 <u></u> -	10	EA	
#21	Terminal, Compression, #4/0 CU to 2H Terminal Pad		18	EA	
#22	Transformer Tank Ground	-	10	EA	
TOTAL BID	FOR BID ITEMS #16 THRO	UGH #22 (GROUP #	#4) INCLUSI	VE	

#23	556.5 kCMIL 18/1 ACSR "Osprey"		3,445	LF	
TOTA	L BID FOR BID ITEM #23 (GROU	P #5)			
#24	Cable Junction Enclosure, 3-Way, 15 kV, 200A		3	EA	
#25	Cable Junction Enclosure, 3-Way, 15 kV, 600A		1	EA	
#26	Box Pad for Cable Junction Enclosures, Polymer Concrete	17	4	EA	
#27	Vault, Electrical, 11" x 18", ANSI 22, Polymer Concrete	:	3	EA	
TOTA	AL BID FOR BID ITEMS #24 THRO	OUGH #27 (GRO	UP #6) INCLU	JSIVE	
#28	Faulted Circuit Indicator		30	EA	
TOTA	L BID FOR BID ITEM #28 (GROU	P #7)			
	Refer to Instructions to Bidders. It is no bid items within any specific group (e			however,	it is necessary to
A.	The total prices set forth above shall days and shall include delivery to OV electric distribution materials at MSU	VNER, ready for	OWNER's use.		
B₊₃	The prices set forth herein do not incl MATERIALMAN on account of taxe or use of the equipment. If any such equipment, the amount thereof shall be	es imposed by any tax is applicable	taxing authorite to the sale, pure	y upon the hase, or use	sale, purchase, of the
C.	The times of delivery shall be as follows:	ows:			
	BID ITEM NO. 1				
	BID ITEM NO. 2				
	BID ITEM NO. 3				
	BID ITEM NO. 4				
	BID ITEM NO. 5				
	BID ITEM NO. 6				

BID ITEM NO. 7
BID ITEM NO. 8
BID ITEM NO. 9
BID ITEM NO. 10
BID ITEM NO. 11
BID ITEM NO. 12
BID ITEM NO. 13
BID ITEM NO. 14
BID ITEM NO. 15
BID ITEM NO. 16
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BID ITEM NO. 19
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BID ITEM NO. 21
BID ITEM NO. 22
BID ITEM NO. 23
BID ITEM NO. 24
BID ITEM NO. 25
BID ITEM NO. 26
BID ITEM NO. 27
BID ITEM NO. 28

D.	The items included in each of the above bid prices are as follows:
	BID ITEM NO. 1
	MANUFACTURER
	CATALOG NO
	BID ITEM NO. 2
	MANUFACTURER
	CATALOG NO
	BID ITEM NO. 3
	MANUFACTURER
	CATALOG NO.
	BID ITEM NO. 4
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	BID ITEM NO. 6
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	BID ITEM NO. 7
	MANUFACTURER
	CATALOG NO
	BID ITEM NO. 8
	MANUFACTURER
	CATALOG NO.
	BID ITEM NO. 9
	MANUFACTURER

CATALOG NO.
BID ITEM NO. 10
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CATALOG NO.
BID ITEM NO. 11
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CATALOG NO.
BID ITEM NO. 12
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BID ITEM NO. 18 MANUFACTURER
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BID ITEM NO. 19
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BID ITEM NO. 25
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CATALOG NO
BID ITEM NO. 26
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CATALOGNO

	BID ITEM NO. 27
	MANUFACTURER
	CATALOG NO.
	BID ITEM NO. 28
	MANUFACTURER
	CATALOG NO.
E.	Title of the equipment shall pass to the Owner upon:
	 Delivery to location specified. Satisfactory inspection for in-transit damage. Acceptance by the Owner.
F.	Bidder hereby certifies that he is:
	() Manufacturer
	() Manufacturer's Authorized Mississippi Representative
G.	Exceptions:
	2
	·
	3
	2
	9

H. It is understood by the undersigned that the OWNER retains the privilege of accepting or rejecting all or any part of this proposal and to waive any informalities or technicalities therein.
 Counter-proposals or qualified bids shall be subject to rejection at the discretion of the OWNER.

MATERIAL MAN:

It is also understood by the undersigned that the OWNER reserves the right to conduct investigations to evaluate the proposals received and to award the bid for this equipment to the lowest Bidder, who in the OWNER's evaluation will provide the equipment which will be in the best interest of the OWNER.

112122222222222	
BY:	
TITLE:	
COMPANY:	
7.2	
ADDRESS:	
=	
TELEPHONE NO.:	
TEEBITIONE INO.	
FMAII.	
EMAIL:	
DATE SIGNED:	

APPENDIX A **ELECTRIC DISTRIBUTION MATERIALS BILL OF MATERIALS**

APP-A

BID ITEM NO. BID ITEM	BID ITEM MANUFACTURER/CATALOG DATA	QTY. REQUIRED	UNIT
GROUP #1	P #1 - UNDERGROUND CABLE		
CABLE, JACKETED CONCENTRIC NEUTRAL, 750 KCMIL ALUMINUM, 220 MIL, 15 KV, 1/3 NEUTRAL	OKONITE "162-23-3096", KERITE "175A15-C3200", PRYSMIAN "QNX000A", OR EQUAL BY SOUTHWIRE - FURNISHED ON SIX (6) 1700 FOOT REELS	10,200	FEET
2 CABLE, JACKETED CONCENTRIC NEUTRAL, #2/0 COPPER, 220 MIL, 15 KV, 1/3 NEUTRAL	OKONITE "140-23-9025", KERITE "121CIS-C3200", PRYSMIAN "QN9000.A", SOUTHWIRE "60.80.29" - FURNISHED ON THREE (3) 1010 FOOT REELS	3,030	PEET
3 CABLE, JACKETED CONCENTRIC NEUTRAL, #2 COPPER, 220 MIL, 15 KV, FULL NEUTRAL	OKONITE "141-23-9460", KERITE "102C15-C1200", PRYSMIAN "QN4010A", OR EQUAL BY SOUTHWIRE - FURNISHED ON THREE (3) 500 FOOT REELS	1,500	FEET
<u>NOTE</u> : MAXIMUM REEL SIZE SHALL BE 72" FLANGE HEIGHT x 56" OUTSIDE WIDTH, ACTUAL CABLE LI MAXIMUM TOLERANCE 5%)	ABLE LENGTHS PER REEL SHALL NOT BE LESS THAN SPECIFIED OR MORE 5% GREATER THAN SPECIFIED (MINIMUM TOLERANCE 0%,	NIMUM TOLER	ANCE 0%
GR	GROUP #2 - GROUNDING WIRE		
4 WIRE, GROUND, #2 SD BARE 7 STRAND COPPER	SOUTHWIRE OR EQUAL	250	LF
S WIRE, GROUND, #4/0 SD BARE 7 STRAND COPPER	SOUTHWIRE OR EQUAL	306	LF
GROUP #3.1	GROUP #3 - UNDERGROUND CABLE ACCESSORIES		
CABLE TERMINATOR, OUTDOOR, POLYMER, 15 KV, 110 KV BIL, FOR 750 KCMIL AL 220 MIL JCN CABLE, FURNISHED COMPLETE NEMA 24 CONNECTOR	N CABLE, ELASTIMOLD "R2T15J2NO380B4-S", 3M "7655-S-4" (TERMINATOR) AND "QL2 350-750"(LUG), OR EQUAL	3),	EA
7 ELBOW, DEADBREAK, 15 KV, 600A, FOR 750 KCMIL AL CABLE	ELASTIMOLD "K656LR-M0380-S", COOPER POWER "BT625GG25A1T-CS1", OR EQUAL	27	EA
8 ELBOW, LOADBREAK, 15 KV, 200A, FOR #2/0 COPPER CABLE	ELASTIMOLD "162LRB2220-S", COOPER POWER "LE215CC07-T-CS1-X", OR EQUAL	36	EA
9 ELBOW, LOADBREAK, 15 KV, 200A, FOR #2 COPPER CABLE	ELASTIMOLD "162LRC2259-S", COOPER POWER "LE215AB04-T-CS1-X", OR EQUAL	36	EA
10 ARRESTER, ELBOW, 600A DEADBREAK, 10 KV (8,4 NICOV)	ELASTIMOLD "K655ESA-10" OR EQUAL	т	EA
11 ARRESTER, ELBOW, 200A LOADBREAK, 10 KV (8,4 MCOV)	ELASTIMOLD "167ESA-10", COOPER POWER "3238018C10M", OR EQUAL	24	EA
12 LOADBREAK REDUCING TAP, 15 KY, 600A DEADBREAK	ELASTIMOLD "650ETP", COOPER POWER "BLRTP6154", OR EQUAL	3	EA
13 FEED-THRU BUSHING, LOADBREAK, 15 KV, 200A, 2-WAY	ELASTIMOLD "1602A3R", COOPER POWER "LF1215", OR EQUAL	3	EA
14 INSULATING CAP, 15 KV, 600A DEADBREAK	ELASTIMOLD "K656DR", COOPER POWER "DPC625", OR EQUAL	12	EA
15 PARKING STAND, LOADBREAK, 15 KV, 200A, 2-WAY	ELASTIMOLD "164FT", COOPER POWER "LPF215H", OR EQUAL	3	EA
GROUP	GROUP #4 - GROUNDING ACCESSORIES		
16 GROUND ROD, COPPER CLAD, 3/4" X 10"	ERICO "613400" OR EQUAL	30	EA
17 CONNECTOR, COMPRESSION, 3/4" ROD - #2 CU	BURNDY "YSHG3429" OR EQUAL	10	ΕΛ
18 CONNECTOR, COMPRESSION, 3/4" ROD - #4/0 CU	BURNDY "YSHG3434" OR EQUAL	20	EA
19 CONNECTOR, COMPRESSION, #4/0-#2 CU - #4/0-#2 CU	BURNDY "YH2929" OR EQUAL	180	EA
20 CONNECTOR, COMPRESSION, 2H PAD, FOR #2 CU	BURNDY "YCAB2C-2N" OR EQUAL	10	ΕΛ
21 CONNECTOR, COMPRESSION, 2H PAD, FOR #4/0 CU	BURNDY "YCA28-2N" OR EQUAL	18	EA
22 TRANSFORMER TANK GROUND, BRONZE, 5/8"-13, FOR #4/0 CU	HUBBELL POWER "GTCS41" OR EQUAL	10	EA
GROU	GROUP #5 - OVERHEAD CONDUCTOR		
PERSONAL TIME IN ARTHUR INTERPRETATION OF THE PROPERTY OF THE			

BID ITEM NO.	BIDITEM	BID ITEM MANUFACTURER/CATALOG DATA	QTY. REOURED	ENT
	GROUP #6 - CABLE JUNCTION ENCLOSURES & VAULTS	N ENCLOSURES & VAULTS		
24	CABLE JUNCTION ENCLOSURE, 22" x 84", WITH 3-WAY JUNCTION, 200 AMPERE LOADBREAK, 15 KV, CABINET COLOR "MSU DARK BRONZE" (CARBOLINE F235 OR EQUAL)	COOPER POWER "SEC384223F2153M0-SPECIAL" OR EQUAL	3	EA
25	CABLE JUNCTION ENCLOSURE, 22" x 84", WITH 3-WAY JUNCTION, 600 AMPERE DEADBREAK, 15 KV, CABINET COLOR "MSU DARK BRONZE" (CARBOLINE F235 OR EQUAL)	COOPER POWER "SEC384223F6253M0-SPECIAL" OR EQUAL	1	EA
26	BOX PAD FOR CABLE JUNCTION ENCLOSURE (ITEMS #24 & #25), POLYMER CONCRETE, 23" x 85" TOP DIMENSIONS, 32" DEPTH	CONCAST "FC-23-85-32-1880" OR EQUAL	4	EA
27	VAULT, POLYMER CONCRETE, ANSI 22, 11" x 18", OPEN BOTTOM, 18" DEPTH, WITH BOLTS, "ELECTRIC" LOGO	QUAZITE "PG1118BA18" OR EQUAL	3	EA
	GROUP #7 - OTHER	-отнек		
28	FAULTED CIRCUIT INDICATOR, UNDERGROUND, AUTORANGER, SINGLE PHASE, FO DISPLAY	SEL "IBARUZR4LEY2"	30	EA

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